

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910003-7

KISRETI, Erno (Spron)

TV service cases, Radiotechnika 10 no.11,331 N '60.

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910003-7"

KISRIYEV, F.G.

[Soil conservation by means of orchard planting in the mountains of Daghestan] Opyt pochvozashchitnogo sadolesorazvedeniia v gorakh Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1957. 110 p. (MIRA 14:10)
(Daghestan—Fruit culture)

STRELETS, V. L.; KISRIYEV, S. A., agronom-entomolog

Science helping. Zashch. rast. ot vred. i bol. 5 no. 6:8-10
Je '60. (MIRA 16:1)

1. Direktor sovkhoza imeni Chkalova, Bakhchisarayskiy rayon,
Krymskaya obl.

(Crimea—Fruit—Diseases and pests)
(Crimea—Plants, Protection of—Research)

KISRIYEV, S.A., agronom po zashchite rasteniy; BESPYATYKH, A.M., agronom

On the experimental demonstration farm of the Crimea.
Zashch. rast. ot vred. i bol. 6 no.8:4-6 Ag '61. (MIRA 15:12)

1. Sovkhoz imeni Chkalova, Bakhchisarayskiy rayon (for Kisriyev).
2. Krymskaya oblastnaya stantsiya zashchity rasteniy,
Bakhchisarayskiy rayon (for Bespyatykh).
(Crimea--Plants, Protection of)

VOLKOV, L.O., KISRIYEV, S.A., agronom po zashchite rasteniy

In cooperation with the scientists of the Nikita Botanical
Garden. Zashch. rast. ot vred. i bol. 7 no.10:9-11 O '62.
(MIRA 16:6)

1. Direktor sovkhoza im. Chkalova (for Volkov).
(Crimea—Plants, Protection of)

Kiss, A.

KISS, A. - Elektrotehnika - Vol. 48, no. 5, May 1955.

After the National Conference on the Electric Power Industry. p. 145.

SO: Monthly list of East European Accessions, (ERAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

KISS, A.

20-year history of the Hungarian aluminum industry. p. 509
Festivities organized on the occasion of the 20th anniversary of Hungarian aluminum
metallurgy. p. 512.
Vol 10, no. 12, Dec. 1955. KOMASZATI LAPOK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

KISS, A.

Results of the Hungarian Measurement technique and its international connections. p. 328.

MERES ES AUTOMATIKA. (Meretschnikai es Automatizalesi Tudomanyos Egyesulet) Budapest, Hungary. Vol. 6, no. 11/12, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, ^{July} 1959.

Uncl.

1. 2. 3. 4.

LECTURES AND SOME IMPORTANT REMARKS AT OUR CONFERENCE ON DUST TECHNOLOGY HELD ON MARCH 2 AND 3. OPENING SPEECH.

p 401 (MACYAR ENERGIAZDASAG.) BUDAPEST, HUNGARY VOL 9 NO 11/12 NOVEMBER 1957

SO: MONTHLY INDEX OF EAST EUROPEAN ACHIEVEMENTS (AEEI) VOL 6 NO 11 NOVEMBER 1957

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CIA-RDP86-00513R000722910003-7

MISS A.

"Bore Hole Plasting Methods with Millisecond Retardation Patterns," Revista
Minelor (Mining Journal), #6:160, Jan 55

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910003-7"

Koss, A.

Current problems in the utilization of wind power.

P. 638. (ENERGIA ES ATOMTECHNIKA.) (Budapest, Hungary) Vol. 10, No. 11/12,
Nov./Dec. 1957

SO: Monthly Index of East European Accession (EHA) LC, Vol. 7, No. 5, 1958

KISS, A.

Utilization of wind power. p.71

VILLAMOSSAG. Budapest, Hungary. Vol. 7, no. 3, Mar. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

KUPERJESSY, Ana; FESZT, T.; GYERGYAY, P.; KISS, A.; KOVACS, Viorica

Research on experimental encephalopathy. Pt.14. Comunicarile
AR 13 no.11: 1003-1007 R'63.

1. Ensa de cercetari stiintifice din Tg.-Mures a Academiei
R.P.R.. Comunicare prezentata de academician D.Miskolczi.

*

KISS, Andras

High-tension glass insulators instead of porcelain. Elektro-
technika 55 no.6:274-276 Je '62.

KISS, ~~and~~ ~~not~~

~~Does the National Patent Office evaluate inventions severely?~~
~~Unit Imp. 16 no. 1213-4 25 Jun '64.~~

1. Deputy chairman, National Patent Office, Budapest.

KISS, Andras

Extraction and separation of indium and gallium by means of
di-n-butyl phosphate. Magy kem folyoir 70 no.5:197-201 My
'64.

1. Basic Material Testing Division, Research Institute of the
Telecommunication Industry, Budapest.

KISS, Andras

Role of trade unions in the formation of a uniform mass sports organization. Munka 13 no.11:32-33 N '63.

1. Szakszervezetek Orszagos Tanacsra sportosztalyanak vezetöje.

KISS, Andreas

The role of the trade unions in the activities of the
united sports organization. Hung TU no.5:22-23 My '63.

KISS, A.

BENEDICT J., KISS, A.

Mass poisoning caused by bread made with ergotized flour. Orv.
hetil. 91:25, 18 June 50, p. 793-6

1. Internal Diseases Division (Head Physician--Dr. Janos Benedict),
Kecskemet Municipal General Hospital (Director--Dr. Albin Pechary
Cserey).

CIA RL 19, 5, Nov., 1950

KISS, AKOS

GEOGRAPHY & GEOLOGY

Kiss, Akos. Tata-Tovaros Karta: Kiss Akos es Szabo Ivan, Szerk. Lukacs Bela. Tata] Komarom Megye Tanacsnak Idegenforgalmi Hivatala, 1957, 51 p.
[Tata- Tovaros; an itinerary. illus. (part fold.), fold. map, facsim.]

Monthly List of East European Accessions (EEA), LC, Vol. 8, No. 5,
May 1959, Unclass.

BODOR, Gyorgy, dr.; KISS, Akosne, dr.

Chloramphenicol therapy in typhoid fever in childhood. Orv.
hetil. 97 no.3:75-79 15 Jan 56.

1. A Fovaros Lasslo Korhaza II. sz. Belosztalyanak (foorvos:
Gyulay Jozsef dr.) keslemenye.
(TYPHOID FEVER, in inf. & child
ther., chloramphenicol, method & results (Hun))
(CHLORAMPHENICOL, ther. use
typhoid fever in child., method & results (Hun))

BODOR, Gyorgy, Dr. & KISS, Attila, Dr.

Chloramphenicol therapy of childhood typhoid fever. Orv. hetil. 100
no. 5:194-196 1 Feb 59.

1. A Fovaros László Korhazának kösléménye.
(CHLORAMPHENICOL, ther. use
typhoid fever in child. (Hun))
(TYPHOID FEVER, in inf. & child
ther., chloramphenicol (Hun))

PARKAS,Marta, dr.; KISS,Akosne, dr.

Evaluation of the fluid substitution method on the basis of data
from dysenteric infants. Gyermekgyogyaszat 11 no.8:242-246 A '60.

1. A Lasslo Korhas kosleménye
(DIARRHEA in inf. & child.)

KISS, Albert, dr., kandidatus, egyetemi tanar

"Development of agricultural production in Hungary between
1950-1956 by Pal Szakal. Reviewed by Albert Kiss. Stat
szemle 40 no.12:1266-1268 D '62.

1. Agrartudomanyi Egyetem, "Statistikai Szemle" szerkesito
bizottsagi tagja.

KI3S, Alexe; SZASZ, Iuliu

The action of the whole collective. Constr Buc 17 no.791:4
6 Mr '65.

1. Economic Committee of the Local Council of Trade Unions, Tîrgu
Mureş.

KISS, Andras

How do our inventors help the realization of the Three-Year Plan?
Ujít lap 15 no. 4:3 P '61.

1. Az Országos Találmányi Hivatal elnökhelyettese.

(Hungary—Industrial management)

KISS, Andras

Application of phosphoric acid-butanol esters in the
chemistry of molybdenum. Pt.4. Magy kem folyoir 69 no.12:
524-528 D'63.

1. Egyesult Izzo es Villamossgal Rt. Fejlesztesi Osztalya,
Budapest.

KISS, Andras

"Letters from the border fortresses," edited by Edit Fisepy. Reviewed by Andras Kiss. Borsod szemle 7 no.1:109 '63.

L 33735-66 EWP(t)/ETI IJP(c) JD/JG
ACC NR: AT6025185

SOURCE CODE: HU/2502/65/045/004/0267/0283

AUTHOR: Kiss, Andras--Kish, A.

38
B+1

ORG: Research Institute of Communications Technology Industry, Department of Testing
Basic Materials, Budapest

TITLE: Reactions of tungsten, molybdenum and their oxides in the system: potassium hexacyanoferrato(III)-alkali-water. Part IV. Rate equations of the dissolution reactions

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 4, 1965, 267-283

TOPIC TAGS: molybdenum, tungsten, inorganic oxide, cyanogen compound, ferrate, fluid diffusion

ABSTRACT: The rate of dissolution of tungsten was studied in the system: potassium hexacyanoferrato(III)-potassium hydroxide-water. This rate was found to show sudden changes at certain concentration ratios; in a given binary solvent mixture, the quotients of the concentrations corresponding to the point of inflection are unequivocally determined by the diffusion rates of the components and by the molar ratios. In the case of tungsten the sudden change in the rate of dissolution appears where the ratio of the initial concentrations attains the value of 2. Otherwise the dissolution reaction of tungsten takes place according to the Nernst diffusion mechanism. Orig. art. has: 9 figures, 16 formulas, and 2 tables. [Orig. art. in Eng.] JPRS: 33,906

SUB CODE: 07 / SUBM DATE: 22Sep64 / ORIG REF: 004 / OTI REF: 008

0916 0550

KISS, Andras

Application of phosphoric acid-butanol-esters in the chemistry
of molybdenum. I. Extraction of polybdenum (VI) by di-n-butyl
phosphate. Magy kem folyoir 68 no.3:106-109 Mr '62.

1. Egyesult Izzo es Villamossagi Rt., Fejleszesi Fosztaly,
Budapest

KISS, Andras

Application of phosphoric acid-butanol-esters in the chemistry of molybdenum. Pt.2. Magy kem folyoir 69 no.3:131-135 Mr '63.

1. Egyesult Izzolampa es Villamosnagi RT. Fejlesztesi Fosztalya, Budapest.

KISS, Andras

Innovation plans. Újít lap 16 p. 22:3-4 25 N '64.

1. Deputy chairman, National Patent Office, Budapest.

1. ~~SECRET~~ ~~ALL INFORMATION CONTAINED~~ ~~HEREIN~~ ~~IS UNCLASSIFIED~~ ~~EXCEPT FOR~~ ~~THE~~ ~~EXCLUDED~~ ~~ITEMS~~

2. ~~SECRET~~ ~~ALL INFORMATION CONTAINED~~ ~~HEREIN~~ ~~IS UNCLASSIFIED~~ ~~EXCEPT FOR~~ ~~THE~~ ~~EXCLUDED~~ ~~ITEMS~~

3. ~~SECRET~~ ~~ALL INFORMATION CONTAINED~~ ~~HEREIN~~ ~~IS UNCLASSIFIED~~ ~~EXCEPT FOR~~ ~~THE~~ ~~EXCLUDED~~ ~~ITEMS~~

~~SECRET~~
KERPEI-FRONIUS, Sandor, KISS, Annamaria, THAN, Gabor; Medical University of Pecs, Institute of Pathophysiology (Pecsi Orvostudomanyi Egyesum, Korelettani Intezet).

"The Effect of Coli Pyrogen Lipopolysaccharide on the O_2 Consumption and Body Temperature of the Rat at Different Environmental Temperatures."

Budapest, Kiserletes Orvostudomany, Vol XVIII, No 2, Apr 66, pages 198-202.

Abstract: [Authors' Hungarian summary] The effect of 5 μ g of pyrogen coli lipopolysaccharide on the body temperature and heat production of mature rats, at 35, 30, 20 and 10 $^{\circ}$ C environmental temperatures, was studied. At 35 $^{\circ}$ C, the temperature of the already hyperthermic animals was not raised further by the pyrogen and the O_2 consumption was also increased only in some of the cases. At 30 and 20 $^{\circ}$ C, identical elevation in body temperature was provoked by the pyrogen and there was no change in the difference of body temperatures before administration of the pyrogen. There was a considerably larger increase in heat production in response to the pyrogen at 20 $^{\circ}$ than at 30 $^{\circ}$. At 10 $^{\circ}$, there was no elevation in body temperature in response to the pyrogen in spite of the fact that there was an increase in heat production. 4 Hungarian, 3 Western references. (Manuscript received 14 Jun 65.)

1/1

- 47 -

BORNEMISZA, Gyorgy, dr.; SZILAGYI, Imre, dr.; BAKO, Giza, dr.;
KISS, Antoina, dr.; RIMMANN, Valeria; TOTH, Ferenc, dr.

Replacement of vascular defects with lyophilized vascular grafts.
Magy. sebeszet 7 no.6;418-426 Dec 54.

1. A Debreceni Orvostudomanyi Egyetem Sebeszeti Anatomial es
Mutattani Intezetenek kozlemenye. Tanszakvezeto: dr. Bornemisza
Gyorgy.

(BLOOD VESSELS, transpl.
homografts, lyophilized)

(TRANSPLANTATION
vasc. homografts, lyophilized)

BORNEMISZA, Gyorgy, dr.; SZILAGYI, Imre, dr.; KISS, Antonia;
FARKAS, László

Bone transplantation with lyophylized homografts. Magy.
sebészeti 9 no.1:38-46 Feb 56.

1. A Debreceni Orvostudományi Egyetem Sebészeti Anatómiai és
Mutattani Intézetek (tanszékvezető: Bornemissa György dr.)
és a Magyar Tudományos Akadémia Kísérleti Orvostudományi Intézet
Antibiotikum Osztályának (osztályvezető Valyi-Hagy Tibor dr.)
közösén.

(TRANSPLANTATION

bone homografts, preserv. by new lyophylisation method
& use in exper. (Hun))

(BONE TISSUE, transpl.

preserv. of homografts by new lyophylisation method &
use in exper. (Hun))

BORNEMISZA, Gy.; SZILAGYI, I.; KISS, A.; PARKAS, L.

Homotransplantation of bones preserved by adsorptive lyophylisation.
Acta med. hung. 9 no.1-2:55-66 1956

1. Institute of surgical anatomy and operative surgery, University
medical school, Debrecen and antibiotics department, Institute of
experimental medicine, Hungarian Academy of Sciences.

(BONES, transplantation

homograft preserv. with adsorptive lyophylization)

(TRANSPLANTATION

bones, homograft preserv. with adsorptive lyophylization)

KISS, A.; AYRA, D.; BORNEMISZA, G.

Experimental and clinical results with preserved dural homotransplants.
Ideg. szemle 11 no.3:81-86 June 58.

1. Debreceni Orvostudomanyi Egyeten Sebészeti Anatomiai és Matettani
Intézete, Debrecen (Tanszékvezető: Dr. Bornemisza György) és Országos
Idegsebészeti Tudományos Intézet, Budapest (Igazgató: Dr. Zoltán László)
kozleménye.

(DURA MATER, transpl.
homografts, lyophilized, exper. & clin. value (Hun))

EXCEP~~T~~TA MEDICA Sec 8 Vol 12/5 Neurology May 59

2414. EXPERIMENTAL AND CLINICAL RESULTS WITH HOMOGRAFTING OF PRESERVED DURA MATER - Experimentelle und klinische Ergebnisse mit konservierten Durahomotransplantaten - Kiss A., Afra D. and Bor- nemissa G. Inst. für Chir. Anat. und Operationslehre, Med. Univ., Debrecen - BRUNS' BEITR. KLIN. CHIR. 1958, 196/2 (178-188) Illus. 9
Preserved dura grafts are easy to handle, pliable, can be sutured well and give complete closure. In 18 dogs, dura plasty was performed with preserved (lyophilized) homologous dura. Histological examination revealed the gradual substitution of the graft with slight alterations in the region, until the normal situation was reached. There was no difference in the results between autografts and homografts. Meningocerebral adhesions after provocation of cerebral lesions were slight. Six human patients also tolerated preserved dura homografts well.

Lenshoek - Groningen

HUNGARY

JOKAY, Istvan, KISS, Antonia; Institute of Pathophysiology (director: KESZTYUS, L.), University Medical School, Debrecen [original language version not given].

"Plasma Phosphatase, Cholinesterase and Peptonase in Anaphylactic Shock,"
Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol X, No 2,
1963, pages 175-181.

Abstract: [English article, authors' English summary modified] During anaphylactic shock, the plasma phosphatase activity showed a rise of 111 per cent in guinea pigs, and 54.5-63.0 per cent in rabbits. In rabbits, the plasma cholinesterase activity decreased by 30 per cent, while the peptonase activity increased by 17 per cent. 1 Hungarian, 13 Western references.

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5

KISS, Antonia; CSABA, B.; DAMJANOVICH, S.; VERESS, Olivia; SZILAGYI, T.

Diabetes and anaphylaxis. Acta physiol. acad. sci. hung. 23 no.3:
275-279 '63.

1. Institute of Pathophysiology, Medical University Debrecen.
(ANAPHYLAXIS) (ALLOXAN DIABETES) (INSULIN) (HISTAMINE)
(BLOOD CHEMICAL ANALYSIS) (BLOOD SUGAR)
(BLOOD PRESSURE DETERMINATION) (OVALBUMIN)

SZILAGYI, T.; KISS, Antonia; CSABA, B.

Schwartzman phenomenon in diabetic rabbits. Acta physiol. acad. sci. hung. 23 no.3:281-285 '63.

1. Institute of Pathophysiology, Medical University, Debrecen.
(SWARTZMAN PHENOMENON) (ENDOTOXIN) (ESCHERICHIA COLI)
(ALLOXAN DIABETES) (HYPERGLYCEMIA) (INSULIN)
(BLOOD SUGAR) (BLOOD CHEMICAL ANALYSIS)

JOKAY, I.; KISS, Antonia

Plasma phosphatase, cholinesterase and peptonase in anaphylactic shock. Acta microbiol. acad. sci. Hung. 10 no.2:175-181 '63.

1. Institute of Pathophysiology (Director: L. Kesztyus), Uni-
versity Medical School, Debrecen.

(PMSMA) (CHOLESTERINASE) (PEPTONES)
(ANAPHYLAXIS) (BLOOD ACID PHOSPHATASE)
(BLOOD ALKALINE PHOSPHATASE) (BLOOD)
(PEPTIDE HYDROLASES)

JOKEY, I.; KISS, Antonia; KASSAI, I.

Effect of cysteine on local Shwartzman phenomenon. Acta microbiol.
acad. sci. Hung. 11 no.1:29-33 '64.

1. Institute of Pathophysiology (Director: L. Kesztyus), University
Medical School, Debrecen.

L 46122-66 EWP(t)/ETI IJP(c) JD/JG
ACC NR: AT6034085

SOURCE CODE: HU/2502/65/044/003/0241/0251

40

B+1

AUTHOR: Neugebauer, Jeno--Naygebauer, Y.; Kiss, Andras--Kish, A.

ORG: [Neugebauer] United Incandescent Lamp Factory and Electric Works, Budapest;
[Kiss] Research Institute of the Telecommunication Industry, Budapest

TITLE: Reaction of tungsten, molybdenum and their oxides in a potassium hexacyanoferrate(III)-alkali-water system I. studies on the dissolution rate of tungsten

SOURCE: Acta chimica academiae scientiarum Hungaricae, vol. 44, no. 3, 1965, 241-251
TOPIC TAGS: tungsten, molybdenum, tungsten compound, molybdenum compound, cyanogen

ABSTRACT: In the course of study of the reaction between tungsten and an alkaline solution of potassium cyanoferrate(III) it was found that, by choosing the right ratio of potassium cyanoferrate(III) to alkali, it is possible to attain two opposing effects related to the formation of tungsten surface during the dissolution process. When the mole ratio of $K_3[Fe(CN)_6]$: KOH exceeds 2.5, the surface of tungsten will be smooth, while at molar ratios under 2.5 the long-known etching effect takes place. The development of these two types of dissolution mechanism is related to the rate of dissolution. At mole ratios up to 2.5, the dissolution rates increase gradually while they approach constancy rapidly at a molar ratio of over 2.5. Orig. art. has 7 figures and 2 tables. [Orig. art. in Eng.] (JNIS: 33,540)

SUB CODE: 07, 11 / SUBM DATE: 06Mar61 / OIG REF: 003 / OTH REF: 010

Card 1/1

ACC NR: AT6034086	T/EWP(t)/ETI	IJP(c)	DS/JD/JG/WB	SOURCE CODE: HU/2502/65/044/003/0253/0266
AUTHOR: Kiss, Ambras--Kish, A.; Neugebauer, Jeno--Neugebauer, I.				45
ORG: [Kiss] Research Institute of the Telecommunication Industry, Budapest; [Neugebauer] United Incandescent Lamp Factory and Electric Works, Budapest				81
TITLE: Reactions of tungsten, molybdenum and their oxides in the potassium hexachloroferrate(III)-alkali-water system II. studies of the <u>electrode potential</u> of tungsten				
SOURCE: Acta chimica academicae scientiarum Hungaricae, v. 44, no. 3, 1963, 253-266				
TOPIC TAGS: tungsten, tungsten compound, molybdenum compound, molybdenum, cyanogen compound, electrode potential				
ABSTRACT: The changes in the electrode potential of tungsten at various concentrations of potassium hexacyanoferrate(III) and with different types of alkali were investigated. The aim was to find the conditions under which the dissolution process leads to the formation of a crystalline structure suitable for microscopic investigations. It was found that the electrode potential of tungsten shows sudden changes at certain points of the dissolution process. A rapid decline in the redox potential was found to be the principal process which determined the potential and which was responsible for the sudden changes at the same time. By correlating the characteristic values of electrode potentials with the surface changes which took place during the dissolution process it could be shown that, at mole ratios of potassium hexacyanoferrate(III) to potassium hydroxide of over 2.25, the surface of tungsten becomes polished while, at lower ratios, an etching effect is evident which makes the crystal structure more pronounced. Orig. art. in Eng. / 9 figures, [Orig. art. in Eng.] [JPRS: 33,540]				
SUB CODE: 07, 11 / SUBM DATE: 06Mar64 / ORIG REP: 001				
Cord 1/1				
0920 0691				

L 46220-66 T/EWP(t)/ETI IJP(c) DS/JD/JC
ACC NR: AT6034080

SOURCE CODE: HU/2502/65/045/001/0001/0011

AUTHOR: Kiss, Andras--Kish, A.

ORG: Research Institute of Telecommunication Industry, Budapest

TITLE: Reactions of tungsten, molybdenum and their oxides in a potassium hexacyanoferrate(III)-alkali-water system III. Studies of the electrode potential of molybdenum.

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 45, no. 1, 1965, 1-11
TOPIC TAGS: electrode potential, molybdenum, molybdenum compound, tungsten, tungsten compound, cyanogen compound

ABSTRACT: The changes occurring in the electrode potential of molybdenum, at various concentrations of potassium hexacyanoferrate(III) and in the presence of different alkalis, were investigated. During the dissolution reaction, a very rapid change was found to occur in the electrode potential of molybdenum at the mole ratio $K_1 = K_3[Fe(CN)_6] : KOH = 1.85$. At ratios of K_1 less than 1.70, the known etching effect arises, while at ratios more than 1.85, an intermediary solid phase is formed on the surface of molybdenum and, due to the prevalence of side reactions at this section, another type of reaction mechanism begins to be at work. The side reactions are derived from some coupling of the various oxides with potassium hexacyanoferrate(III). Orig. art. has: 7 figures and 1 table. [Orig. art. in Eng.] [JPRS: 33,540]

SUB CODE: 07, 11 / SUBM DATE: 06May64 / ORIG REF: 002 / OTH REF: 001

Cord 1/1

b1g

KISS, Arpad

Seedless melons. Elet tud 15 no.16:487-489 17 Ap '60.

1. Duna-Tisza kozi Mezogazdasagi Kiserleti Intezet
kutatoja.

KISS, Arpad

The Italian wheat. Elet tud 15 no.30:952-954 24 Jl '60.

1. Duna-Tissa kosi Mexogazdasagi Kiserleti Intezet
tudomanyos munkatarsa.

KISS, Arpad

Data on the development of the world's wheat production. Elet
tud 17 no.34:1080-1082 26 Ag '62.

1. Duna-Tisza-kozi Mezogazdasagi Kiserleti Intezet tudomanyos
fomunkatarsa.

KISS, Arpad, Kossuth-dijas

Tasks of the Hungarian Electrotechnical Association in connection with the realization of the second five-year plan. Elektrotehnika 54 no.1/2:1.5 F '61.

1. Orszagos Tervhivatal elnöke, es Magyar Elektrotechnikai Egyesület elnöke.

KISS, Arpad

Trends of technical development and the methods of its direction in the field of the machine industry. Jarmu mezo gep 9 no.9:323-325 8 '62.

1. Miniszter; az Orszagos Mu szaki Fejlesztesi Bisottsag elnöke.

KISS, Arpad

The innovator movement as seen from the point of view of
national economy. Ujít lap 14 no.6:5 Mr '62

1. Orszagos Muszaki Fejlesztesi Bizottsag elnöke.

KISS, Arpad

Trends in technical development and methods for its direction
in the machine industry. Gep 14 no.9:321-323 S '62.

1. Miniszter, az Orszagos Muszaki Fejlesztesi Bizottsag elnöke.

KISS, Arpad

Presidential opening address delivered at the National Conference
on Material Handling. Sep 15 no.2:45-46 p '63.

1. Orszagos Muzsaki Fejlesztesi Bizottsag elnöke.

KISS, Arpad

"Methodology of psychotechnics. Handbook of applied psychology",
vol.2. by H. Piron, P. Pichot, J.M. Favergé, and J. Stoetzel.
Reviewed by Arpad Kiss. Magy psichol szemle 17 no.4:458-461
'60.

KISS, Arpad, dr.

"Large fields of applied psychology" by H. Pieron, C. Bonassay-Chauffard,
J. Pelnard, G. Mialaret, C. Levy-Leboyer, F. Gorphe, R. Pasquasy.
Reviewed by Arpad Kiss. Magy pszichol szemle 19 no.2:245-248 '62.

KISS, Arpad, dr.

Early watermelon. Elet tud 18 no. 35:1113-1114 1 S '63.

1. Kutatointezeti helyattás igazgató, Kocsakemét.



KISS, Arpad, okleveles mernok

New characteristics in the work of standardization. Szabvany
koz1 16 no.181 Ja'64.

1. Orszagos Műszaki Fejlesztési Bivottság elnöke.

KISS, KAM

①
Production of wheat-rye hybrids (Triticale). A. Kim and G. Hader (Nagoya University, 1952, 1, 67-84). Work on wheat-rye hybrids since 1948 is reported. The quality of the wheat-rye flour is claimed to be good. Data from numerous hybrids is recorded and discussed.

KISS, Arpad

Certain questions of long-range planning in the field
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KISS, Arpad, prof., dr. (Szeged, Rerrich Bela ter); CSASTAR, Jozsef, dr.
(Szeged, Rerrich Bela ter)

Light absorption of O-phenanthroline complexes. Acta chimica
Hung 38 no.4:405-419 '63.

1. Institut fur Allgemeine und Physikalische Chemie der
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2. Mitglied, Redaktionskollegium, "Acta Chemica Academicae
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1. Institut fur Allgemeine und Physikalische Chemie der
Universitat, Szeged.
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KISS, Arpad

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KISS, Arpad

Trends in the technical development of the machine industry
and the methods for its control. Gepgyartastechn 2 no.9:
321-323 S '62.

1. Minister; Orszagos Mussaki Fejlesztesi Bizottsag elnöke.

KISS, Arpad; KOLTAY, Ede

Model experiments for demonstrating electron paths. *Fiz
szemle* 14 no.10:295-302 O '64.

1. Institute of Experimental Physics, Lajos Kossuth University,
Debrecen (for Kiss). 2. Institute of Nuclear Research, Hungarian
Academy of Sciences, Debrecen (for Koltay).

K155 A.

RUMANIA/Human and Animal Physiology (Normal and Pathological)
Nervous System. Metabolism.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26986

Author : Eperjesey, A., Kiss, A., Csogedi, J., Makkai, O., Nemes,
L.

Inst

Title : The Role of Lipoproteins of the Brain in the Biological
Oxidation of Lipids.

Orig Pub : Rev. med. (RPR), 1956, 2, No 2, 23-28

Abstract : No abstract.

Card 1/1

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000722910003-7

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EXCERPTA MEDICA Sec 16 Vol 7/9 Cancer Sept 59

3596. The effect of blood serum from tumour-bearing rats and human patients on the respiration of hepatic tissue of rats. Az állati és emberi daganatos vérzérum hatása a patkánymáj légrésére. Előzetes közlemény. Kiss A., Erzsébet, Jaszay A., Czakózov J. and Gyerekovay F. Marosvásárhely Általános Szervet Kemisiai Tanszék Közl. Orv. Szle 1958, 4/6 (483-488) Tables 4

The influence of blood serum from rats with sarcoma K1 on the respiration of normal hepatic tissue of rats has been studied. It was found that the diluted serum (1:10) of tumour-bearing animals markedly decreased the respiratory quotient. Further investigation showed that the serum of tumour patients in the metastatic stage greatly diminished the respiration in the hepatic tissue of the rat. The serum of healthy subjects had no such effect; however, that of patients with tb or hepatitis

Romhányi - Pécs

KISH, A.; EPERESHI, A.; KHADRAD', Ch.; CHEGEDI, I.; NEMESH, L.;
VEREP', I.

Effect of various compounds depressing the mitotic division of
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1. Iz kafedry biokhimii, onkologii i II terapii Mediko-farmatsevtiche-
skogo instituta goroda Tyrgu-Muresh, Rumyniya.
(CYTOTOXIC DRUGS) (CELL DIVISION (BIOLOGY))
(LIVER)

EPERJESSY, A. ; KISS, A.; ADAM, S.; GYERGyi, F.; MESZT, T.

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(ENCEPHALOMYELITIS) (BRAIN) (LIPOPROTEINS)

GERLE, Gyorgy, dr.; KISS, Arpad

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1. Orszagos Muszaki Fejlesztesi Bizottsag elnöke (for Kiss).

P'71011 Munc. prof.: BOG Nicolae; KISS, Arpad. asist.; MADARAS, Ioan,
asist; VATASAN, Nina, asist.

Regarding the size of the atmospheric refraction coefficient
K and the precision of the trigonometric leveling at great
distances. i.e. geodesia 8 no.4:28-41 '64.

REMINICZKY, Karoly; KISS, Arpad, dr.; PESTA, Laszlo, dr.; MORIK, Jozsef, dr.; KPOS, Vilmos, dr.; SZABO, Lajos, dr.; BIRO, Zsigmond, dr.; GULACSY, Bela (Budapest); ROMAN, Istvan; GAJZAGO, Laszlo; NAGY, Imre; PINTER, Antal; VADASZ, Elemer, dr.; KONCZ, Istvan, dr.; PUTNCKI, Janos; JANCSO, T.; BAKAY, T.; MORY, B., dr.; VERES, L.; KASZO, L.; OSZTROVSZKI, Gyorgy, dr.

The first Hungarian aerosol conference. Epuletgepeszet 14 no.1:
29-~~19~~ '65.

1. President, National Committee on Technical Development, Budapest (for Kiss).
2. Deputy Chairman, Budapest City Executive Committee (for Pesta).
3. National Institute of Public Health, Budapest (for Morik).
4. Public Health and Medical Clinic for Contagious Diseases, Budapest (for Kapos).
5. Public Health and Medical Clinic for Contagious Diseases, Pecs (for Szabo).
6. Public Health and Medical Clinic for Contagious Diseases, Miskolc (for Biro).
7. Kelenfold Heat Power Plant Enterprise, Budapest (for Roman).
8. National Meteorological Institute, Budapest (for Gajzago).
9. National Power Economy Authority, Budapest (for Pinter and Vadasz).
10. Research Institute of Heat Engineering, Budapest (for Koncz).
11. Research Institute of Heavy Chemical Industry (for Mory).
12. Fuel Trade Enterprise, Budapest (for Kaszo).
13. Deputy President, National Committee on Technical Development, Budapest (for Osztroszki).

KISS, Arpad, dr.

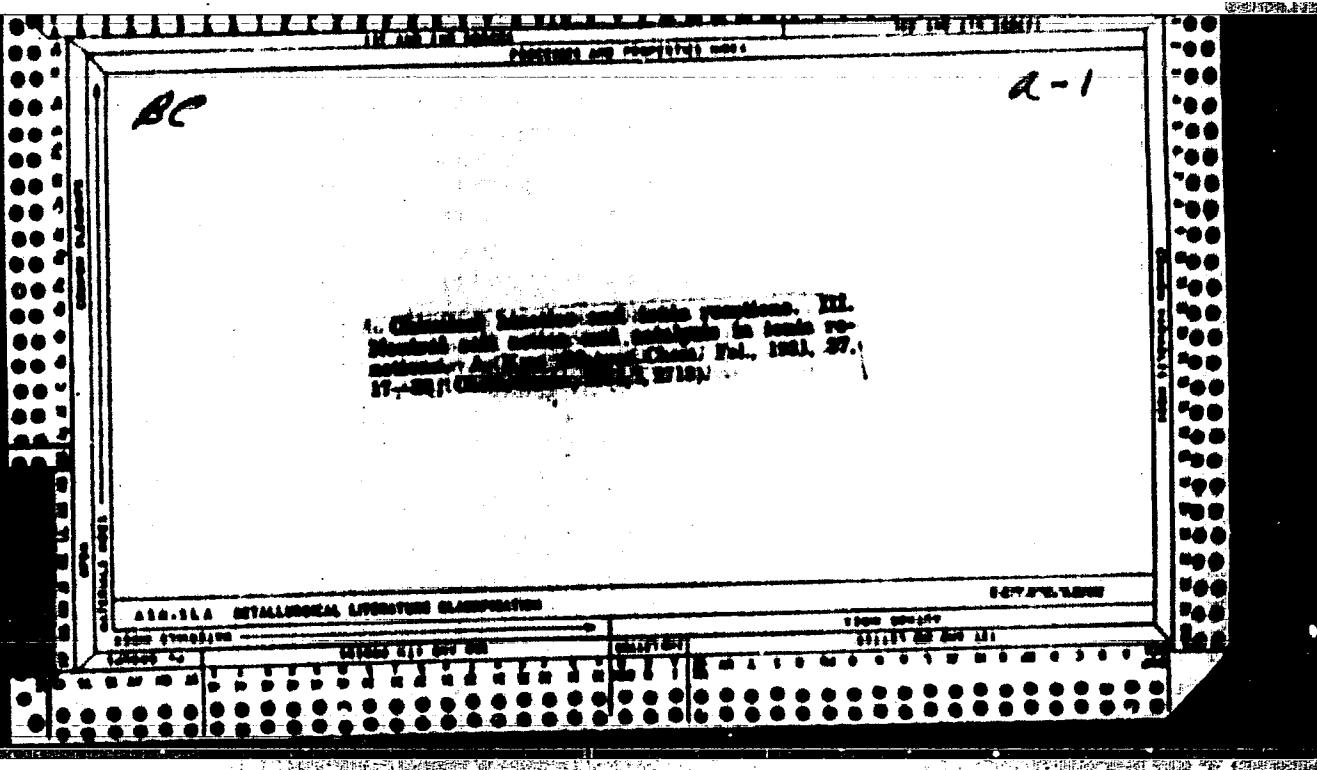
Triticum turgidum, our most promising food plant growing on sand dunes. Elet tud 20 no.17:803-805 30 Ap '65.

Chemical kinetics of ion reactions. I. Principles of the theory of Brønsted. A
Kina. *Magnes. Chem. Fizikal.* 25, 139-44 (1929).—Short summary of Brønsted's
theory and its applications. II. Mechanism of reaction between ferric and iodide ions.
Ibid. 26, 69-80 (1930).—The reaction proved to be blind, for I ions and measured for
Fe⁺⁺⁺ ions. Hybridized ferric ions do not react with I ions. The primary kinetic salt
effect agrees with Brønsted's neutral salt law in dilute media. Alkali metals show a striking
specific salt effect. Blurring influence of ferrous and sulfate ions must be considered
as a secondary kinetic salt effect. III. Neutral salt effect and catalysis in case of ion
reactions. *Ibid.* 37, 17-24 (1931).—Connections between the theory of Brønsted and
catalysis, kinetic salt effect and medium effect are discussed. S. S. no. 5103

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11
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Chemical kinetics of the reaction. IV. Neutral salt effect in the reaction of ferric and iodine ions in concentrated solutions. Árpád Kincs and János Brumáti. *Magyar Chem. Folyóirat* 37, 131-32 (1931); *cf. C. A.* 25, 2631. Only chlorides change the mechanism of the reaction in concd. salt solns. The simple laws of chem. kinetics are valid from 1 mol concn. The change in sign of the neutral salt effect according to the theory of Brumáti is tested, and proved by expts. A very significant specific ion effect was found in concd. salt solns.
R. S. de Vos

11-11-1 METALLURGICAL LITERATURE CLASSIFICATION

Catalysis of long reactions. I. Catalysis of persulfate-iodine ion reactions by cobalt complexes. *Antonina Kise, I. Gerasimov and A. Gerasimov*. *Acta Pol. Sc.* 1962, 11(2), 145-150. *Persulfate-iodine, and their Mineral. Phys. 2, 1962, 10, 101-105 (in German).—The measurement of reaction velocities showed that the above reaction follows the Langmuir law of bounded. The connection between oxygenating influence and the charge of cobalt in polyplex.*

Effect of concentration on the velocity of ion recombination. K. Kim, T. Bannister and P. Van Atta. *J. Am. Chem. Soc.* 75, 3935-3938 (1953).—The velocity of recombination of methanethiomethoxide with thiobenzoate ion was measured between 0.0005 and 0.010 ion recomb. at 25°. The effect of substituents on the velocity of ion recombination of various cations, such as K⁺, Na⁺,

Prof. MacCormack. The validity of the equation of Debye-Hückel is discussed and the probable causes of deviations are explained. The role of H^+ -bonds is discussed.
S. S. de Finley

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Neutral salt effect in the hydrolysis of sodium molybdate.
A. Kipp and R. A. Kunkle. *Adv. Lat. Sci. Univ. Negev, Physico-Chemical, Ser. Chem. Mineral. Phys.*, 21-22(1980) (in German text). -- The velocity of hydrolysis of AmO was measured at 25° in excess of $LiCl$, $NaCl$, KCl , $MgCl_2$, $CaCl_2$, $LiNO_3$, $NaNO_3$, KNO_3 , $Mg(NO_3)_2$, KBr , KI , $NaClO_3$, $LiClO_3$, $KClO_3$, and $MgClO_3$. The components of neutral salt effect are discussed and explained in detail. The pure-molybdate effect follows a simple regularity, i. e., the log of velocity const. has a linear connection with the salt content. B. B. de Planck

Cer

2

The mechanism of the reactions of bromosuccinate and
succinate ions. A. King and T. Ilmavirta. *Acta Pol. Sci.
Ucr. Hung. Prok. Pol. Serp. Chem. Min. Phys.* 3, 59-114 (1933) (published 1934). The velocity
of these reactions was measured after addition of different
concentrations of neutral salts and without any added salt.
Reactions took place bimolecularly according to the sto-
chiometric ratio. The theory of Brønsted was confirmed.
The equation of Hammett-Lindley-Hartley is a valuable
approximation only. Rapid data obtained at 5°, 15°
and 25° gave an energy of activation of 15,420 cal. The
equation of Arrhenius was found to be correct. The
reaction activity changed only slightly with temp. be-
tween 5° and 25°. For the temp. intervals of 15° and 15
25° the temp. coeff. of van't Hoff were 2.01 and 2.11
8.5 de 1 minute

Chemical kinetics of ion reactions. V. Regularities of general salt effect in concentrated salt solutions. Kyung Kim. *Marker Chem. Rept.* 29, 163-61 (1953). U. S. A. 28, 8078.—From extil. data it is concluded that there is a linear relation between the log of velocity const. and the concn. of salt in reactions of zero order (i. e., reactions entirely between neutral mole, or between neutral mole and base). B. S. de Finville

Kiss, A.

28

Causes of color changes of cobalt salts in neutral salt solutions. A. V. Kurn and M. Orazem. *Acta Pol. Sci. Univ. Warszaw. Przedm. Jezuistow. Ser. Chem. Mineral.* 1930, 6, 134-40 (1934) (Chemical 1933). - Med. collection.

coeffs. on the entire visible part of the spectrum were measured for CuCl_2 , $\text{Cu}(\text{NHC}_6\text{H}_5)_2$, and $\text{Cu}(\text{Cl})_4$ in various ratios, ratios of different neutral salts and of HCl , HNO_3 and H_2SO_4 . Color changes observed within the chloride, nitrate and sulfate salts, are caused by the Stark effect and ion deformation. The color change effect of chloride and thiocyanate salts, is due to a conformational change of constitution. In case of simultaneous changes of absorption spectra it would not be decided, whether the changes are due to ion deformation, Stark effect, deprotonation or deprotonation.

CH

The causes of color changes of nickel salts in neutral salt solutions. Arpad Kepa, P. Bier and M. Gervais. *Acta Lat. Acad. Regiarum Hung. Scientiarum Technicarum Chem., Mineral. Phys.* 6, 239-71 (1953). In German. Values of the molar extinction coefficients of $\text{NiCl}_2 \cdot \text{Na}_2\text{S}_2\text{O}_3$ and $\text{Ni}(\text{NH}_3)_6$ in neutral salt media of various reagents and in HCl , HNO_3 and H_2SO_4 , within the visible spectrum, showed that the slight changes of absorption spectra of nitrate salts, can be explained by the Stark effect and deformation of ions. The significant changes, however, observed in cases of chlorides, sulfates and their sulfates are caused by the formation of complexes and the existence of dehydration. The connection of the chromophores to question seems to be unsplained. No linear connections could be found between extinction coefficients and valency of salt which would perhaps explain the construction of chromophores. No explanation could be found for the changes of absorption spectra caused simultaneously by deformation of ions, by Stark effect and by formation of complexes and dehydration. S. N. de Gruy.

CA

The determination of absorption spectra of dissolved matter by the photographic method. Arpad Kiss and M. Ferenczi. *Acta Lat. Sci. Reptiarum Hung. Petropolitanae* 1964, Ser. Chem., Mineral. Phys. 4, 372-93 (1965, in German). After a discussion of possible errors of photographic spectrophotometry, the evaluation of curves registered by the Zeiss photokerographic photometer is described. The reliability and availability of the proposed methods are proved by comparing the obtained results with those of a spectrophotometer according to Koenig-Martens. S. S. de Paula

ALB 114 METALLURGICAL LITERATURE CLASSIFICATION

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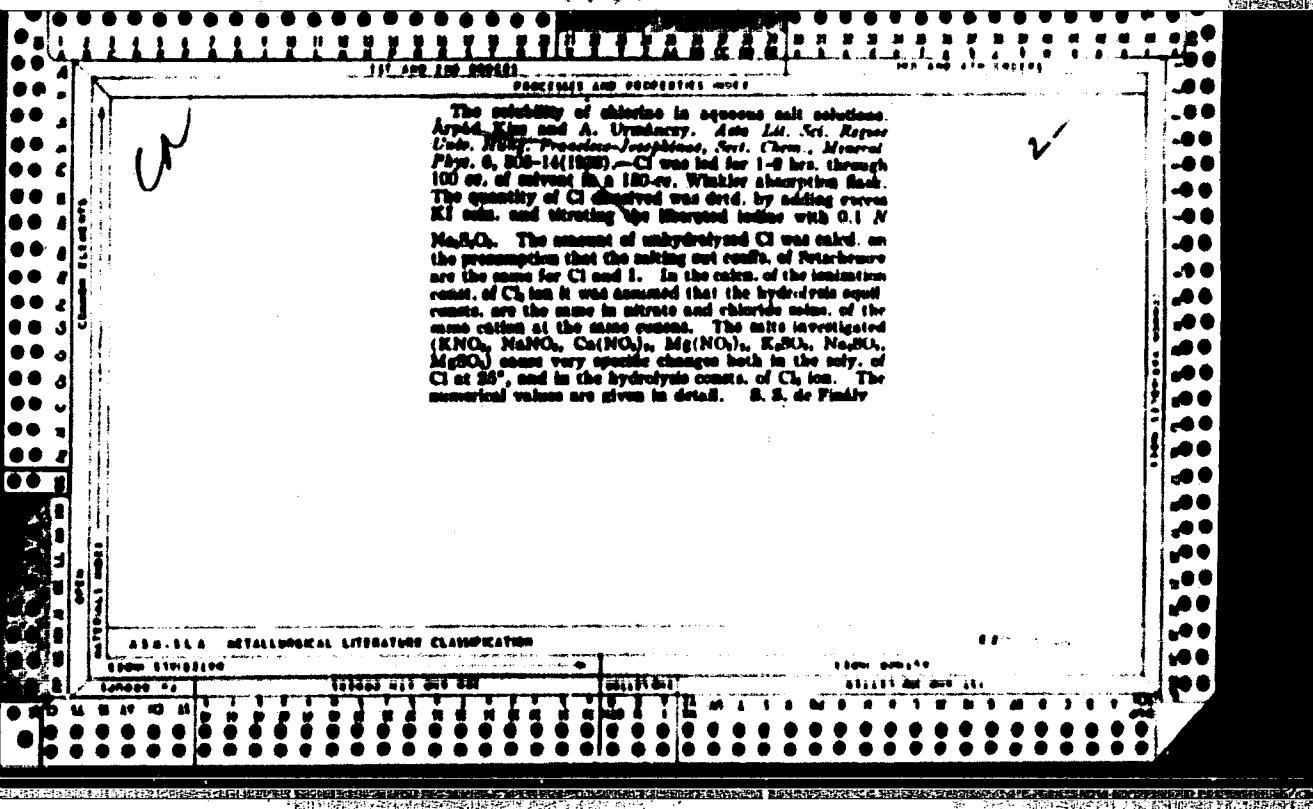
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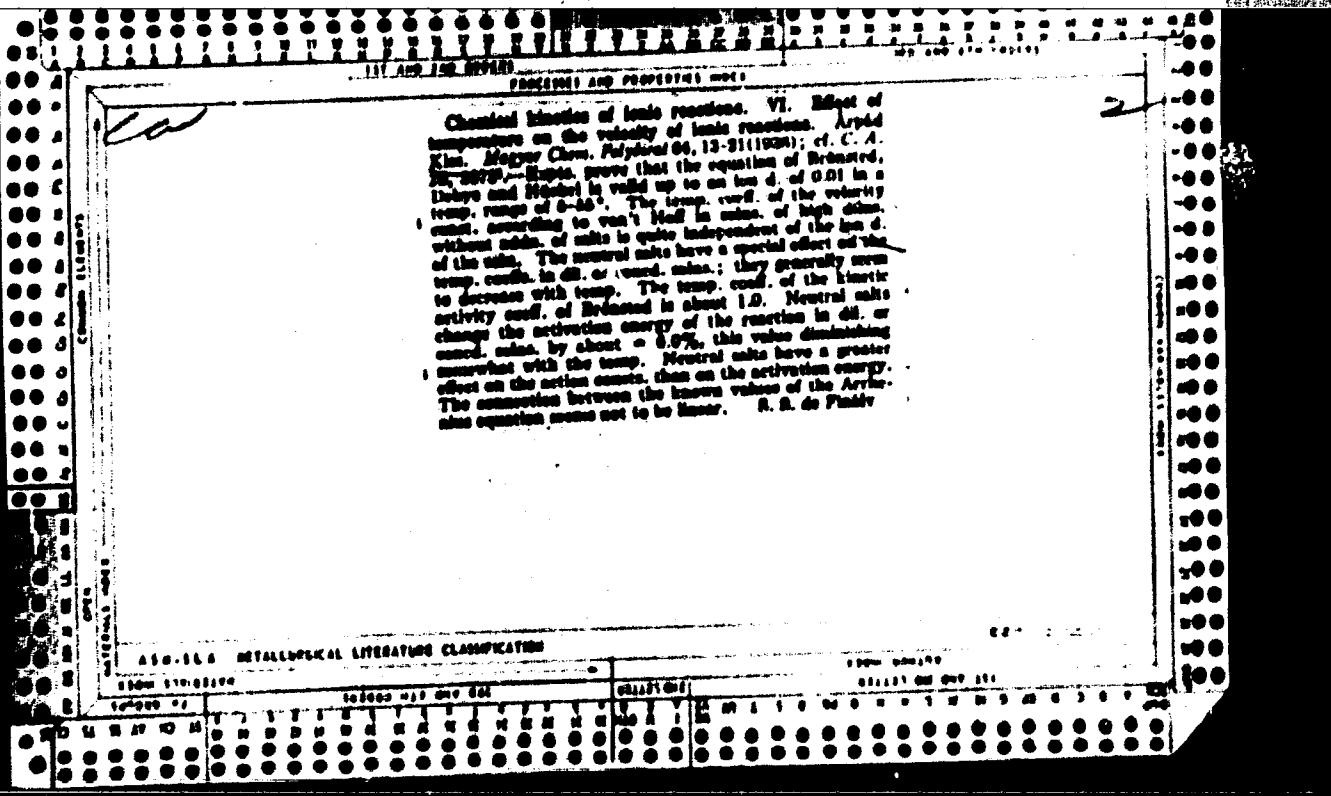
Photography of the ultraviolet absorption spectra of dissolved substances. A. Kise and M. Gerasimov. *J. Russ. Phys. Chem. Soc.*, 1895, 10, 100. *J. Russ. Phys. Chem. Mineral. Phys.*, 5, 1910, 61. The original method previously described (C. A. 20, 2024) was adapted for use in the ultraviolet. The combination of electrodes between W electrodes from a 12000 v vacuum tube was used as light source. The value μ of the absorption coefficient (cf. C. A. 23, 30) was found to be 0.0012 between 210-420 m μ for Agfa dispersive plates. The limit of error of the photographic registering method is 0.001-0.002.

METALLURGICAL LITERATURE CLASSIFICATION

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The analysis of extinction curves of solutions. Árpád Kiss. Acta Litt. Sci. Reptar. Univ. Hung. Francisc Josephinum, Sect. Chem., Mineral. Phys. 6, 101 (1937).
The theory of formation and structure of spectra of solns. is discussed. The sources of errors of the extinction curve analysis are explained. The limits of error are 5-15%. The practical method of detg. band width is described.
R. R. de Pandy





Light absorption and ionization of organic compounds
 II. The light absorption of aromatic Schiff's bases. A. Kita, J. Bercsenyi, and B. Varga (Univ. Budapest, Hungary). *Acta Univ. Szegedensis, Acta Chem. et Phys.* [N.S.] 1, 145-154 (1948); cf. *C.A.* 42, 6201f. — Reduction curves of 25 aromatic Schiff's bases were determined at room temp. in the visible spectrum field with KOH as solvent. The formation of several ring systems with conjugated double bonds causes a shift of bands in the direction of the long wave. Light absorption cannot be considered as an excitation of a uniform π -electron system; the benzene ring and amine group play the role of rapid chromophores. In the 2- and 4-hydroxy derivs. a new band appeared on the border of the visible field. The ratio of the possible electrostatic structures of the ground state makes possible the explanation of the mechanism of light absorption. The existence of a simple connection between light absorption and ionization could not be proved in aromatic Schiff's bases. — *Acta Univ. Szegedensis, Acta Chem. et Phys.* [N.S.] 1, 145-154 (1948); cf. *C.A.* 42, 6201f.

200-209. METALLOGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/17/2001

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CA

light absorption by antipyrine complexes. Arpad Kino and Gyo Haraszti. Acta Phys. Acad. Sci. Hung. 1946, 5, 161. (in German).—Extinction curves of antipyrine, of its complexes formed with Li, Na, K, Sr, Ba, Cu, Mg, Zn, Cd, Pb, Al, As, Bi, Co, Ni, Fe, and UO₂, and of the perchlorates of these cations in eq. solns. were determined. The extinction curves of the perchlorates belong to those of fully hydrated metals. In case of Cu, Co, Ni, Fe, UO₂, and Mn ions the light absorption comes from the excitation of the outer electrons of metal ions and of nonbonding electrons. In colorless metal ions with fully filled outer electron shells their transparency shows that the ion-dipole attraction of the solvent hydration does not go over into coordinative binding. The light absorption by the complexes is composed of the absorptions by the central ion and by antipyrine. The formation of a complex causes a significant change in the extinction of colored ions, whereas the absorptions of antipyrine remain unchanged. Jozsef Pataky

ca

The analytical methods of absorption bands. Arnel
Kiss and C. Sandorfy. *Arch. Chim. Serget.* **1**, no. 1, p.
9, 71-91 (1948) (in French). — Various methods are discussed
critically and their suitability is analyzed on the basis
of examples of extinction curves of tetraammine, Hf^{2+} ,
 Pb^{2+} , methylaldehyde- α -phenylenediamine-Ni $^{2+}$, $[\text{Co}(\text{NH}_3)_6]^{2+}$, $[\text{Co}(\text{SCN})_6]^{2-}$, 2-ethylendiamine-Ni $^{2+}$. 10
references. István Pánky

col

The absorption of light by isomeric derivatives of benzylidene, Arpad Kiso and K. Pauder, *Acta Chem. Acad. Sci. Hung.* 3, 261 (1950) (Hungarian, English). Numerous derivatives were investigated and their extinction curves given. The examination of the possible structures of the ground and of the excited states permits the explanation of observed structure differences of extinction curves of isomeric derivatives. The phenyl nucleus bound to the C and to the N atom of the acetoxymethane group behaves differently with regard to its isomerism. A first band appears at the 3 and 4 hydroxy derivative, at the limit of visible region. Since this band is missing at the 2' and 4' derivative, the quinonoid structure is much less represented in the ground state than the quinonoid-like structure. The observed extinction curves prove that the investigated benzylidene derivative existed in the transition

The free rotation of the radicals is generally restricted.
J. van Poppel
15 references.

✓

Light absorption by polychromates A. Nagy, K. Kuri, and K. Bando. *Ind. Eng. Chem. Res.* 2, 915 (1963) (Russian, English). The investigation of extinction curves of K_2CrO_4 , $K_2Cr_2O_7$, and Cr_2O_3 in water and in various mixtures of H_2SO_4 , HCl , HNO_3 , and H_3PO_4 , proved that the formation of polychromates has a complicated and specific influence in case of the mentioned acids. Katherian curves in dil. acid solutions cannot be calculated on the basis of other data by assuming simply that there is a balance between the states of aggregation. In concentrated H_2SO_4 the formation of heteropoly acids seems probable. *It is in English*

ca

The light absorption by benzene derivatives substituted in *o*-, *m*-, and *p*-positions. I. General part. Arpad Kita-Lak, László Szegedi. *J. Chem. & Phys.* 2, 120-12 (1944).
The curves of *o*-, *m*-, and *p*-series show higher differences with a mesomeric effect than with purely inductive effect. If both effects take place simultaneously, then the *o*-, *m*-, and *p*-effects depend on the degree by which the distribution of π -electrons is changed by the respective substituents. The *o*-, *m*-, and *p*-effect seems to be a complicated phenomenon.
István Kónya

CA

The mesomeric and inductive effects of the amino group.
Árpád Kiss and R. Czintosky. Acta Chim. Szeged., Chem.
Phys., 2, 132-140 (1940) (in German). If the mol. is polarized
in its ground state by the mesomeric or the NH₂
group according to its diametric or its longitudinal axis,
resp., then the extinction value of the ground-state hydro-
carbon will be increased chiefly in the region of short wave-
length, or of long waves, resp. The changing effect of the
amino group depends on the position of its substitution.
The effect of amino group diminishes with the no. of benzene rings,
especially for condensed rings. István Földy

CA

Light absorption of organic compounds. Arvid Kjaer.
Magnus Kjaer, Tapio J. Jokela (1948). The connection
between light absorption and chem. structure was investi-
gated. 19 references.

C-47

Correlation of solvents to the extinction curves of polycyclic complexes. Árpád Kiss and S. Stöck. *Acta Univ. Szegedi, Chem. et Phys.* 2, 155 (2/1949). - Extinction curves of Ni 2-hydroxybenzalindole, Ni salicylaldehyde ethylenediamine, Ni 2-amino-2-alkylhydro-*o*-phenylene diamine, Cu 2-hydroxybenzalindole, Cu 2-hydroxybenzal-4'-hydroxyaniline, Cu 2-hydroxyquindine were studied in the solvents MeOH, EtOH, PrOH, acetone, CHCl₃, CCl₄, C₆H₆, toluene, xylene, and pyridine between 300 and 700 m μ . The solvents had stronger effects on the absorptions of the central ion and of the coordinated binding electrons than those of the aromatic ligands. Solvents seem to have two effects: one induced on the whole mol. of the complex and another characterized by a configuration of the mol., of the solvents in *trans* position on two free coordination places of the complex or on reactive atoms of ligands. István Finlay